

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- Claim 1. (Presently Amended) A structure comprising:

a plurality of cells of a cured resinous material, each cell being joined to at least one other cell;
wherein the cells are arranged in a plurality of parallel planes.
- Claim 2. (Original) The structure according to claim 1, wherein the cells are solid.
- Claim 3. (Original) The structure according to claim 1, wherein the cells are hollow.
- Claim 4. (Original) The structure according to claim 1, wherein the hollow cells are filled with fluid.
- Claim 5. (Original) The structure according to claim 1, wherein the fluid is a gas.
- Claim 6. (Original) The structure according to claim 1, wherein the fluid is a liquid.
- Claim 7. (Original) The structure according to claim 1, wherein the resinous material comprises an epoxy curable with ultraviolet radiation.
- Claim 8. (Original) The structure according to claim 4, wherein an interior of the cells has a fluid pressure substantially similar to an ambient pressure external to the cells.
- Claim 9. (Original) The structure according to claim 1, wherein the cells all have a similar size.
- Claim 10. (Original) The structure according to claim 1, wherein the cells are joined together to form a wall of a tubular structure having continuous walls.
- Claim 11. (Cancelled).
- Claim 12. (Presently Amended) The structure according to claim 1, wherein cells in a plurality of adjacent planes are arranged in different positions orthogonal to the planes.
- Claim 13. (Presently Amended) The structure according to claim 1, wherein the cells in a plurality of adjacent planes are aligned in a direction perpendicular to the planes.

Claim 14. (Presently Amended) The structure according to claim 1, wherein the number of cells in each plane differs.

Remarks:

Applicant respectfully submits amended claim 1 which incorporates the limitation of claim 11 which should place the application in order for allowance.

The Examiner and Attorney of record have spoken on the phone previously to discuss potential amendments to the claims. Should the Examiner have any further issues or require further clarification to better understand Applicant's invention, please do not hesitate to call to discuss matters which will move the application forward toward allowance.

Respectfully Submitted,

THE JOHNS HOPKINS UNIVERSITY
Applied Physics Laboratory

By Bj 4.R
Benjamin Y. Roca
Attorney for Applicant
Registration No. 50,166
Tel.: (240) 228-5644
Date 9/27/04